

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:2125  
ANSWERED ON:08.03.2000  
PRODUCTION OF FOODGRAINGS  
AMBATI BRAHMANAIAH

**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether Indian Council of Agricultural Research (ICAR) foresees difficulties in rising foodgrain production by four million tonnes annually;
- (b) if so, the details thereof alongwith the obstacles faced by ICAR in achieving this target;
- (c) whether ICAR propose to introduce new rice and wheat varieties to meet this challenge; and
- (d) if so, the details thereof? A N S W E R

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE  
(SHRI HUKUMDEO NARAYAN YADAV)

(a) & (b): No, Sir. The food grains production during triennium ending 1982-83 was 130 million tonnes (MT) which increased to 190 MT during triennium ending 1997-98 and it is now 203 MT in the year 1998-99. The production of food grains is increasing by about 4 MT annually. The ICAR does not foresee much difficulty in maintaining the pace of food grain production at above level in the light of improved varieties and production technologies developed, provided the new technologies are transferred efficiently and the weather conditions are not unfavourable.

(c) & (d): The ICAR has already developed a number of improved varieties of wheat and rice with yield potential 4 to 6 tonnes per hectare for various agro-ecological conditions (Table 1 and 2). The ICAR has plans to introduce new improved varieties on continuous basis with built-in resistance to biotic and abiotic stresses.

Important high yielding rice varieties developed and released recently

Variety	Yield/ha	Area of adoption
CSR-27	60-65	Sodic soils of UP and Haryana, Maharashtra, Gujarat, Kerala, Tamil Nadu West Bengal
CSR- 13	55-65	Haryana, Eastern and Central U. P., Maharashtra, Gujarat, tiiiiii Nadu Kerala, West Bengal.
Pooja	40-50	Assam, M.P. Orissa, Tripura, West Bengal.
VL-Dhan 81 Meghalaya	40	Valley and hilly areas of U.P. Himachal Pradesh and
Jawahar Rice	23	M.P. Bihar and Orissa
Triguna	44	Coastal areas of A.P. and Maharashtra
VL-Diiian 61	50-54	Hills of U.P. and H.P.
Pusa 677	50-54	Tamil Nadu, Karnataka, A.P., MP.

Nidhi	40	Tamil Nadu, A.P., Pondicherry, West Bengal.
Pusa 834	50	A.P. , Karnataka, U.P.
Mahameya	40	M.P., Orissa, Tripura
Pusa 44-33	50	U.P. Haryana
Narendra Dhan-359	50	U.P. , Biliar, Orissa, Assam
Narendra Dhan 97	30	U.P., Orissa, West Bengal
Ajaya	50	Bihar, U.P., M.P., Punjab, Haryana
PNR-381	55	Andhra Pradesh and Tamil Nadu
Lunishree	45-50	Orissa
CR 1 002	40-45	West Bengal, Orissa and Bihar
IR-64	40-45	All India
VL Dhan 221	30	U.P. and Himachal Pradesh
Haryana Basmati-I	45	Haryana, Punjab and U.P.
CST-7	40-45	Andhra Pradesh, Orissa and West Bengal
Heera	30-40	Drought proiie/rainfed uplands
Rice Hybrids		
APRH-1	71	Teleiigana, Rayalseema, A.P.
APRH-2	75	Telengaiia, Rayalseema, A.P
MGR-1	61	Tamil Nadu
KRH-1	60	Karnataka
KRH-2	61	Karnataka

DRRH- 1	75	Telengana and Rayalseeni of Andhra Pradesh
CNRH-3	75	West Bengal
UPRH-27	64	U.P.

#### Important High Yielding Varieties of Wheat developed and released recently

Variety	Yield	Area
(Q/ha)		
UP 2425	38.00	Western Uttar Pradesh, Delhi, Punjab, Haryana, & Eastern Rajasthan
Wheat Shresth	50.00	Punjab, Haryana, Western Uttar Pradesh, Rajasthan except Kota & Udaipur and Plains of HP and J&K
Malviya Wheat 468	45.00	Uttar Pradesh, Bihar & West Bengal
Malav Shakti	44.00	M.P., Gujarat, Kota and Udaipur Division
Bhawani	37.00	Kerala and Tamin Nadu
Ganga (DDK 1009)	47.00	Maharashtra, Karnataka, Andhra Pradesh and Tamil Nadu
G.W. 273	35-40	MP, Gujarat, Rajasthan and Bundel Khand area of UP
MACS 2846	40.00	Mahrashtra and Karnataka
Rajeshwari	36.00	U.P., Bihar, West Bengal and Assam
RAJ 3765	42.00	U.P., Punjab, Haryana and Rajasthan
HP 1731	40-45	U.P., Bihar, West Bengal and Assam
UP 2338	50-55	U.P., Punjab, Haryana, Rajasthan
WH 896	40-45	U.P., Bihar, West Bengal and Assam
DL 803-3	45-50	Madhya Pradesh, Rajasthan, and Gujarat

HI 8381	35-40	Madhya Pradesh, Rajasthan and Gujarat
DWR 195	35-40	Maharashtra, Karnataka and Andhra Pradesh
DL 784	45.00	U.P., Bihar, West Bengal and Assam
PBW 299	35.00	U.P., Punjab, Haryana and Rajasthan
K8804	37-46	U.P., Bihar, Haryana, Rajasthan
Dwr 162	42	Maharashtra, Karnataka and Andhra Pradesh
HP 1633	45	Bihar, Orissa, West Bengal and Assam
GW 190	46	Madhya Pradesh, Gujarat and Rajasthan